

Sound Power Spectrum : FWE24F(A/B)T(N/T/V)5V1(-/R)

ESP=0Pa		Sound Power Spectrum (dB) : Whole casing									
Fan Speed		5		4		3		2		1	
		H		M				L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100		58.0		58.8		61.3		57.5		56.3	
125	125	56.6	62.5	52.8	60.8	50.1	62.0	43.4	57.9	38.2	56.6
160		58.4		54.0		51.4		44.6		41.7	
200		57.5		53.6		51.2		46.5		37.5	
250	250	60.3	65.7	57.7	60.8	56.6	58.8	46.5	51.1	39.8	43.8
315		63.1		55.8		52.5		45.8		39.6	
400		58.4		54.2		51.9		45.6		38.7	
500	500	58.5	62.7	54.6	58.6	52.5	56.5	45.7	49.8	38.6	42.6
630		56.8		52.7		50.4		43.3		35.4	
800		54.7		50.4		47.7		40.0		31.4	
1000	1000	55.0	58.8	50.6	54.4	47.9	51.7	39.5	43.6	30.7	34.8
1250		51.9		47.1		44.2		35.8		26.4	
1600		51.2		46.4		43.3		34.5		25.1	
2000	2000	49.4	54.3	44.5	49.4	41.2	46.2	32.6	37.3	24.4	28.2
2500		47.1		41.8		38.3		28.5		17.7	
3150		45.0		39.4		35.4		24.8		14.6	
4000	4000	43.8	48.6	37.9	42.8	33.7	38.6	22.9	28.0	15.2	20.0
5000		42.4		36.1		31.6		21.1		15.8	
6300		40.2		33.6		28.7		19.3		16.0	
8000	8000	37.6	42.7	30.7	36.0	25.9	31.3	18.6	23.9	16.8	22.0
10000		33.9		27.3		23.4		19.5		18.5	
<b>dB(A)</b>		<b>64.4</b>		<b>59.8</b>		<b>57.4</b>		<b>50.0</b>		<b>43.4</b>	

  

ESP=0Pa		Sound Power Spectrum (dB) : Discharge									
Fan Speed		5		4		3		2		1	
		H		M				L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100		48.6		52.1		51.5		50.8		48.6	
125	125	51.6	54.6	47.2	53.7	44.4	52.7	37.5	51.1	32.3	48.7
160		48.5		43.7		42.0		34.7		28.6	
200		48.0		44.0		42.0		37.0		27.9	
250	250	54.6	58.9	51.9	54.6	50.9	52.8	40.0	44.1	33.7	37.5
315		56.2		50.3		47.1		40.2		34.4	
400		53.8		49.5		47.4		41.0		34.1	
500	500	53.2	57.8	49.1	53.5	46.9	51.3	39.7	44.4	32.7	37.4
630		51.6		47.2		44.7		37.4		30.1	
800		49.5		45.0		42.3		34.6		26.8	
1000	1000	51.3	54.6	46.6	49.9	43.7	47.0	35.6	39.1	27.5	30.9
1250		48.0		43.2		40.3		32.0		23.1	
1600		48.2		43.2		40.3		31.6		22.5	
2000	2000	45.9	51.1	41.0	46.1	37.8	43.0	29.0	34.1	20.4	25.0
2500		43.8		38.5		35.0		25.0		14.3	
3150		41.2		35.3		31.3		20.5		10.7	
4000	4000	40.4	45.1	34.1	38.9	29.9	34.6	18.7	23.7	11.0	15.8
5000		39.0		32.5		27.9		17.1		11.5	
6300		37.0		29.9		24.9		14.8		11.2	
8000	8000	34.2	39.3	26.8	32.0	21.6	27.1	13.7	19.0	11.8	16.7
10000		29.0		21.6		18.1		14.0		12.7	
<b>dB(A)</b>		<b>59.6</b>		<b>55.0</b>		<b>52.4</b>		<b>44.7</b>		<b>37.8</b>	

  

ESP=0Pa		Sound Power Spectrum (dB) : Inlet and casing									
Fan Speed		5		4		3		2		1	
		H		M				L			
1/3 Oct	1/1 Oct	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1	1/3	1/1
100		57.4		57.7		60.8		56.5		55.5	
125	125	55.0	61.7	51.4	59.8	48.7	61.5	42.0	59.6	37.0	55.8
160		57.9		53.6		50.9		44.2		41.5	
200		56.9		53.1		50.7		46.0		37.0	
250	250	58.9	64.6	56.3	59.6	55.2	57.6	45.4	50.1	38.6	42.7
315		62.1		54.3		51.1		44.4		38.0	
400		56.5		52.4		50.0		43.8		36.8	
500	500	57.0	61.0	53.1	57.1	51.1	54.9	44.4	48.3	37.3	41.0
630		55.2		51.2		49.0		42.0		33.9	
800		53.1		48.9		46.2		38.6		29.6	
1000	1000	52.6	56.8	48.4	52.5	45.8	49.8	37.3	41.7	27.9	32.4
1250		49.6		44.9		42.0		33.5		23.7	
1600		48.2		43.5		40.4		31.4		21.7	
2000	2000	46.8	51.5	41.9	46.6	38.6	43.4	30.1	34.5	22.3	25.4
2500		44.3		39.2		35.6		25.9		15.1	
3150		42.6		37.2		33.2		22.9		12.3	
4000	4000	41.2	46.1	35.6	40.5	31.4	36.3	20.8	25.9	13.1	17.9
5000		39.7		33.6		29.2		18.9		13.8	
6300		37.4		31.2		26.5		17.4		14.3	
8000	8000	35.0	40.1	28.5	33.8	23.9	29.3	16.8	22.2	15.1	20.5
10000		32.3		25.9		21.8		18.0		17.2	
<b>dB(A)</b>		<b>62.7</b>		<b>58.1</b>		<b>55.8</b>		<b>48.5</b>		<b>42.0</b>	